

HISTORIC AMERICAN ENGINEERING RECORD

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TUGBOAT *ARTHUR FOSS*

HAER WA-190

(Tugboat *Wallowa*)

(Tugboat *Theodore Foss*)

Lake Union Park

Seattle

King County

Washington

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Todd A Croteau, photographer, 2009

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|----------|---|
| WA-190-1 | 3/4 view elevation of port side from bow looking aft. The Log Tender <i>Skilful</i> (built 1955) is in the foreground. The passenger steamship <i>Virginia V</i> is in the background. |
| WA-190-2 | Bow view looking aft along starboard side. The Log Tender <i>Skilful</i> is seen in the foreground. <i>Lightship No. 83 (Swiftsure)</i> is seen in the background. The Peninsula Plywood Company built <i>Skilful</i> in 1955. It was later owned by John Pence, Fremont Tugboat Company, Sea & Shore Construction, and Big Claw Maritime. The ship has been fully re-built five times. <i>Skilful's</i> specifications are 23' overall length, 10' beam, 5' draft, and it is equipped with Detroit 6-71N dyno'd at 250 HP bollard pull: 4,050 lbs at full speed. |
| WA-190-3 | 3/4 view elevation of port side from bow looking aft. Steamship <i>Virginia V</i> is in the background. |
| WA-190-4 | Straight on bow elevation. <i>Virginia V</i> is on the left. <i>Lightship 83</i> is on the right. |
| WA-190-5 | Detail of port side bow with windlass on deck. <i>Virginia V</i> can be seen in the background. |
| WA-190-6 | 3/4 view detail of starboard side from bow looking astern. <i>Lightship 83</i> is seen on right. |

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WA-190-7	3/4 view detail of starboard side from bow looking astern. Note the mast in front of the pilot house for the towing lights and horn. <i>Lightship 83</i> is seen behind.
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WA-190-10	Deck view of Texas deck looking forward towards stack and pilot house.
WA-190-11	Detail of stack and pilot house from port side. Stack of <i>Virginia V</i> can be seen in the background.
WA-190-12	Detail of Texas deck showing kingpost and aft helm station. Lifeboat is to the right and <i>Lightship 83</i> can be seen in the background.
WA-190-13	Detail of aft helm station.
WA-190-14	Detail of foredeck and pilot house. Windlass and bitts can be seen on deck.
WA-190-15	Detail of foredeck arrangement and hardware. The Naval Annex Building and <i>Lightship 83</i> can be seen in the background.
WA-190-16	Detail of stern deck with towing machinery and hardware.
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WA-190-18	Detail of stern deck. Guards for steering control lines can be seen on either side.
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WA-190-20	Interior view of diesel engine from starboard side looking forward. Taken on main deck level.
WA-190-21	Interior view of engine from starboard looking forward and to port.
WA-190-22	Interior view of engine from starboard looking forward and to port.

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WA-190-23	Interior view of engine from main deck level looking down on cylinder heads.
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WA-190-33	Detail of generator equipment located aft of the engine.
WA-190-34	Interior detail of pilot house from starboard looking forward and to port. The steering wheel is at center, the engine order telegraph is in the foreground. Radar display can be seen to the left.
WA-190-35	Interior detail of pilot house from port looking to starboard. Ship's wheel is at left, engine order telegraph is at center.
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WA-190-37	Interior view of mate's cabin, behind the captain's, looking to port.
WA-190-38	Interior of crew cabin on main deck port side looking forward.
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WA-190-40	Interior of wardroom on port side looking aft. Galley and engine room can be seen through the door.
WA-190-41	Interior of galley from port looking to starboard. Note the diesel stove at right.
WA-190-42	Interior of crew cabin on starboard side main deck, looking aft. Galley can be seen through the door.

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Todd A Croteau, photographer, 2009

WA-190-43 (CT)	Same as WA-190-11.
WA-190-44 (CT)	Same as WA-190-20.